

MANUFACTURER'S CERTIFICATE

(Mill Test Certificate) DIN 50049-3.1-B / EN 10204-3.1


Purchaser	: PLESA ANAHUAC Y CIAS, SA DE C.V.	Certificate No	: 140385
Product	: SEAMLESS STEEL WELDING FITTING	Order No	: PO. 18799
Specification	: ASTM A-234 WPB – 2011A	Date	: JULY 14, 2014
	: ASME SA234 WPB	L/C No	: T/T

Raw Material Standard	Inspection Standard	Visual Inspection	Dimensional Inspection
PIPE : ASTM A106 B/ A53B / API5LB PLATE : ASTM A516 Gr 50 / 60	ANSI B16.9 ANSI B16.28	PASS	PASS

Product & Size (inch)	Heat ID.	Quantity	Heat NO.	Raw Material Maker	
1 CAP STD 2 CAP XH	6" 8"	47953 47398	200 20	488953 594398	545370 619536

Standard	Chemical Composition %												Mechanical Test			Average Hardness	CE Long Formula
	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Al	YS	TS	E	Hb	x 100
	x 100	x 100	x 100	x 1000	x 1000	x 100	x 100	x 100	x 100	x 100	x 1000	x 1000	psi	psi	%		
Min.	-	10	29	-	-	-	-	-	-	-	-	-	35,000	60,000	TRANSVERSE 17		
Max.	30	-	106	48	58	40	40	40	15	8	-	50	-	85,000		197	42
1	15	37	91	21	14	0	0	0	0	0	-	-	46900	69000	24	158	30
2	13	24	89	20	10	0	0	0	0	0	-	-	42900	65600	29	168	28

- We hereby certify that the products described herein have been manufactured, inspected and conforms to standard as specified above.
- ALL FITTINGS ARE HEAT TREATED TO MEET NACE MR0175-03 STANDARD SPECIFICATION AT 650-680 C x 1.0 HR.
- CE = C + (Mn/6) + (Cr + Mo + V)/5 + (Ni+Cu)/15
- ALL TEES ARE TESTED BY MAGNETIC PARTICLE EXAMINATION (MT)


 Chief of Quality Assurance Dept